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W Liu, D Psaltis, G Barbastathis - OPTICS LETTERS, 2002 - ol.osa.org

... Wenhai Liu\* and Demetri Psaltis ... The four-dimensional volume-holographic microscope is characterized theoretically and experimentally by use of fluorescent ...

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### Volume holographic hyperspectral imaging - group of 12 »

W Liu, G Barbastathis, D Psaltis - APPLIED OPTICS, 2004 - ao.osa.org

... Wenhai Liu, George Barbastathis, and Demetri Psaltis ... to achieve linear two-dimensional optical sectioning and imaging of a four-dimensional spatial plus ...

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### Volume holographic spectral imaging

Z Li, D Psaltis, W Liu, WR Johnson, G Bearman - Proceedings of SPIE, 2005 - link.aip.org

... Zhenyu Li, Demetri Psaltis, Wenhai Liu, William R. Johnson, Gregory Bearman. ... spatial resolutions and the potential of single-shot, four-dimensional (3D spatial ...

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### REAL-TIME HYPERSPECTRAL IMAGING WITH VOLUME HOLOGRAPHIC OPTICAL ELEMENTS - group of 2 »

W Liu, D Psaltis, A Sinha, G Barbastathis - Image Processing, 2001. Proceedings. 2001 International ..., 2001 - ieeexplore.ieee.org

... ELEMENTS Wenhai Liu, Demetri Psaltis\* ... band. The separated light channels are four-dimensional resolution elements that we call texels. ...

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### N-ocular volume holographic imaging - group of 4 »

A Sinha, G Barbastathis - APPLIED OPTICS, 2004 - ao.osa.org

... Thus it is possible to obtain as much as four-dimensional object information by monitoring the diffracted beam, using a detector or a detector array. ...

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